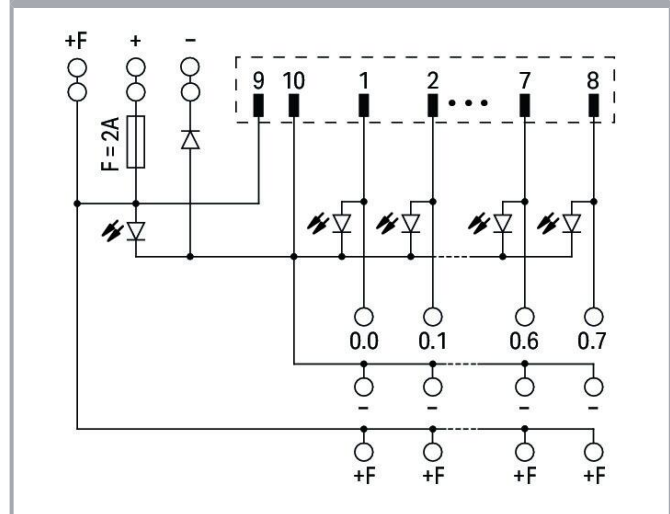
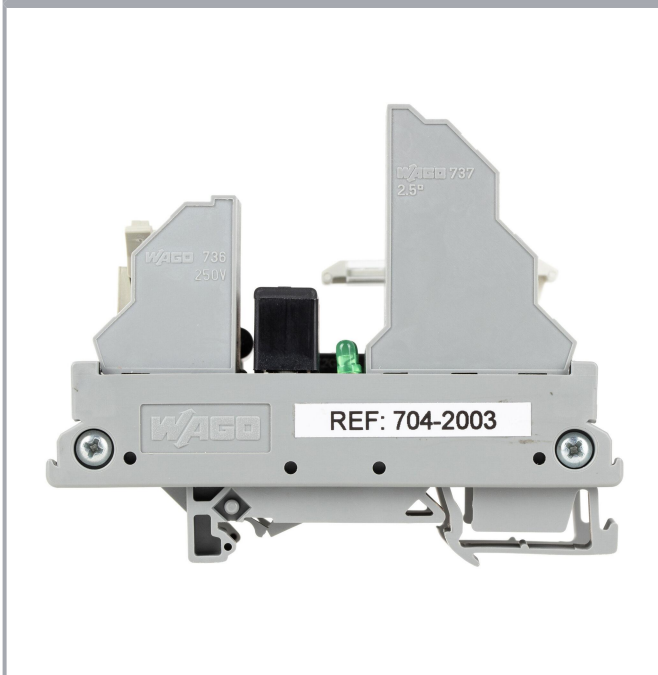
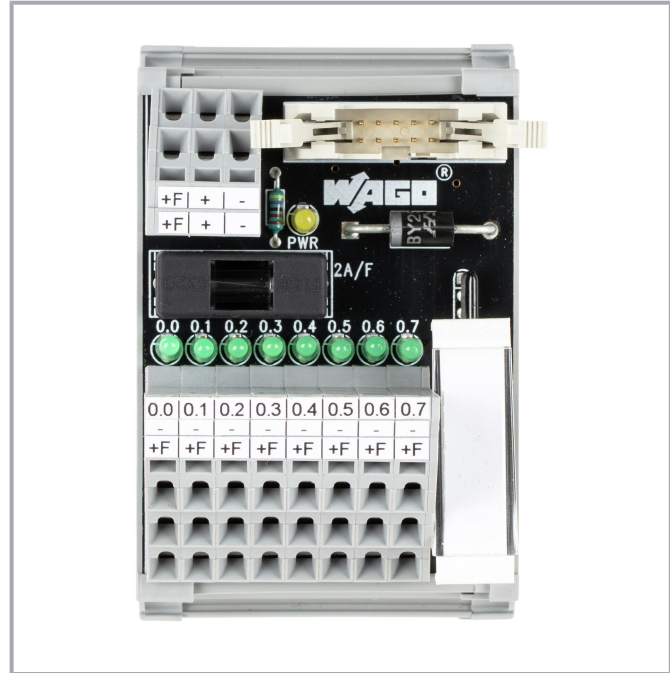


Data sheet | Item number: 704-2003

Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 10-pole; 8-channel digital input or output; 3-wire connection; in mounting carrier



www.wago.com/704-2003



Subject to changes. Please also observe the further product documentation!

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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



Data

Electrical data

| | |
|---|--|
| Inputs/outputs | 8-channel digital input or output |
| Circuit type | 3-wire connection |
| Nominal operating voltage | DC 24 V |
| Operating voltage range | ±10 % |
| Current consumption (status indication) | 5 mA |
| Total current | 2 A |
| Limiting continuous current | 1 A |
| Status indicator | Green LED (channel) Yellow LED (power supply) |
| Internal fuse | 2 A |

Safety and protection

| | |
|---------------------|--------|
| Rated voltage | 50 V |
| Rated surge voltage | 0.8 kV |
| Pollution degree | 2 |

Compatibility

Siemens

| | |
|-----------------|--|
| Siemens S7-300 | 6ES7 313-5BE01-0AB0 6ES7 313-5BG04-0AB0 6ES7 314-6BF01-0AB0 6ES7 314-6BG03-0AB0 6ES7 314-6CF01-0AB0 6ES7 314-6CG03-0AB0 6ES7 322-1BF01-0AA0 6ES7 322-8BF00-0AB0 6ES7 323-1BH01-0AA0 6ES7 326-2BF01-0AB0 6ES7 326-2BF10-0AB0 6ES7 327-1BH00-0AB0 |
| Siemens S7-1500 | 6ES7 522-1BF00-0AB0 |
| Siemens ET200SP | 6ES7 131-6BF00-0CA0 6ES7 131-6BF00-0DA0 6ES7 131-6BF00-2CA0 6ES7 131-6BF01-0AA0 6ES7 131-6BF01-0BA0 6ES7 131-6BF01-2AA0 |

Subject to changes. Please also observe the further product documentation!



6ES7 131-6BF01-2BA0
 6ES7 131-6BF61-0AA0
 6ES7 132-6BF00-0CA0
 6ES7 132-6BF01-0AA0
 6ES7 132-6BF01-0BA0

GE Fanuc

| | |
|---------------|--|
| GE Fanuc 9030 | IC693 MDL634 IC693 MDL730 IC693 MDL732 |
|---------------|--|

Schneider

| | |
|---------------------------|--------------------------------|
| Schneider Modicon TM3 | TM3 DI8(G) TM3 DQ8T(G) |
| Schneider Modicon M340 | BMX DDM 16022 BMX DDM 16025 |
| Schneider Modicon Quantum | 140 DDM 390 00 |
| Schneider TSX | TSX DEY 08D2 TSX DSY 08T2 |

Rockwell

| | |
|------------------------|------------|
| Rockwell Compact Logix | 1769 - OB8 |
|------------------------|------------|

Omron

| | |
|------------|--------------------------|
| Omron CJ1W | CJ1W-ID201 CJ1W-OD204 |
|------------|--------------------------|

WAGO

| | |
|---------------------|--|
| WAGO I/O System 750 | 750-1502 |
| WAGO I/O System 753 | 753-430 (x1) 753-431 (x1) 753-530 (x1) |

Connection data

Connection 1

| | |
|---------------|-------------------------------------|
| Connector | DIN 41651 connector; male connector |
| Pole number 1 | 10 |

Subject to changes. Please also observe the further product documentation!



| | |
|--------------------------------|--------------------|
| Connection type 1 | System |
| Note (conductor cross-section) | 12 AWG: THHN, THWN |
| Mating direction | vertical |

Connection 2

| | |
|---------------------------|--|
| Design 2 | PCB terminal blocks (triple-deck) |
| Pole number 2 | 24 |
| Connection type 2 | Field |
| WAGO connector 2 | WAGO 737 Series |
| Solid conductor 2 | 0.08 ... 2.5 mm ² / 28 ... 12 AWG |
| Fine-stranded conductor 2 | 0.08 ... 2.5 mm ² / 28 ... 12 AWG |
| Strip length 2 | 5 ... 6 mm / 0.2 ... 0.24 inches |

Connection 3

| | |
|---------------------------|--|
| Design 3 | PCB terminal blocks (double-deck) |
| Pole number 3 | 6 |
| Connection type 3 | Power supply |
| WAGO connector 3 | WAGO 736 Series |
| Solid conductor 3 | 0.08 ... 2.5 mm ² / 28 ... 12 AWG |
| Fine-stranded conductor 3 | 0.08 ... 2.5 mm ² / 28 ... 12 AWG |
| Strip length 3 | 5 ... 6 mm / 0.2 ... 0.24 inches |

Physical data

| | |
|-----------------------------------|----------------------|
| Width | 56 mm / 2.205 inches |
| Height | 85 mm / 3.346 inches |
| Depth from upper-edge of DIN-rail | 63 mm / 2.48 inches |

Mechanical Data

| | |
|---------------|-------------|
| Mounting type | DIN-35 rail |
|---------------|-------------|

Material Data

| | |
|-----------|----------|
| Fire load | 1.694 MJ |
| Weight | 92 g |

Environmental requirements

| | |
|---------------------------------|----------------|
| Ambient temperature (operation) | -20 ... +50 °C |
|---------------------------------|----------------|

Subject to changes. Please also observe the further product documentation!

| | |
|-------------------------------|----------------------|
| Ambient temperature (storage) | -40 ... +70 °C |
| Relative humidity | 85% (non-condensing) |

Commercial data





| | |
|-----------------------|------------------|
| Product Group | 30 (WAGO France) |
| eCl@ss 10.0 | 27-14-11-52 |
| eCl@ss 9.0 | 27-14-11-52 |
| ETIM 8.0 | EC002780 |
| ETIM 7.0 | EC002780 |
| PU (SPU) | 1 pcs |
| Packaging type | box |
| Country of origin | FR |
| GTIN | 4050821161981 |
| Customs tariff number | 85366990990 |

Environmental Product Compliance

| | |
|------------------------|-------------------------|
| RoHS Compliance Status | Compliant, No Exemption |
|------------------------|-------------------------|

Optional accessories









Marking accessories

| | | |
|--|--|--|
| Marking strip | | |
|  | Item no.: 2009-110 Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white | www.wago.com/2009-110 |
|  | Item no.: 709-196 Marking strips; for laser printer; translucent | www.wago.com/709-196 |
|  | Item no.: 709-178 Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white | www.wago.com/709-178 |
|  | Item no.: 709-177 Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent | www.wago.com/709-177 |

Cables and pluggable connectors

| |
|--------------|
| System cable |
|--------------|

Subject to changes. Please also observe the further product documentation!

| | | |
|--|---|--|
|  | Item no.: 706-2300/201-300 System cable; for Siemens S7-300; 8 digital outputs; Length: 3 m; Conductor cross-section: 0.14 mm ² | www.wago.com/706-2300/201-300 |
|  | Item no.: 706-2300/201-200 System cable; for Siemens S7-300; 8 digital outputs; Length: 2 m; Conductor cross-section: 0.14 mm ² | www.wago.com/706-2300/201-200 |
|  | Item no.: 706-2300/201-100 System cable; for Siemens S7-300; 8 digital outputs; Length: 1 m; Conductor cross-section: 0.14 mm ² | www.wago.com/706-2300/201-100 |
|  | Item no.: 706-7753/300-100 System cable; for WAGO-I/O-SYSTEM, 753 Series; 8 digital inputs or outputs; Length: 1 m; Conductor cross-section: 0.14 mm ² | www.wago.com/706-7753/300-100 |
|  | Item no.: 706-7753/300-200 System cable; for WAGO-I/O-SYSTEM, 753 Series; 8 digital inputs or outputs; Length: 2 m; Conductor cross-section: 0.14 mm ² | www.wago.com/706-7753/300-200 |
|  | Item no.: 706-7753/302-200 System cable; for WAGO-I/O-SYSTEM, 750 Series; 8 digital inputs and 8 digital outputs; Length: 2 m; Conductor cross-section: 0.14 mm ² | www.wago.com/706-7753/302-200 |
|  | Item no.: 706-7753/302-100 System cable; for WAGO-I/O-SYSTEM, 750 Series; 8 digital inputs and 8 digital outputs; Length: 1 m; Conductor cross-section: 0.14 mm ² | www.wago.com/706-7753/302-100 |
| Connecting cable | | |
|  | Item no.: 706-100/1301-200 Connection cable; 10-pole; Pluggable connector per DIN 41651; open-ended; Length: 2 m; Conductor cross-section: 0.14 mm ² ; UR components | www.wago.com/706-100/1301-200 |

Downloads

Documentation

Bid Text

| | | | |
|-------------------------|-------------|----------------|----------|
| 704-2003 X81 - Datei | 2019 Feb 19 | xml 3.8 kB | Download |
| 704-2003 doc - Datei | 2015 Nov 20 | doc 25.6 kB | Download |

Additional Information

| | | | |
|---|------------------------|---------------|----------|
| Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging | V 1.1.0 2022 Aug 18 | pdf 2.2 MB | Download |
|---|------------------------|---------------|----------|

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System Description

WAGO System Wiring, Selection Guide

This guide will help you select the appropriate interface modules and system cables for the controller you are using.

pdf
545.9 kB

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CAD/CAE-Data

CAD data

2D/3D Models 704-2003

URL

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CAE data

EPLAN Data Portal 704-2003

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WSCAD Universe 704-2003

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 704-2003

Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 10-pole; 8-channel digital input or output; 3-wire connection; in mounting carrier

URL

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Installation Notes

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